

Converting Colors

XYZ(34.3180, 52.2366, 60.5937)

Have a look what the booklet for
XYZ(34.3180, 52.2366, 60.5937)
contains.

XYZ(34.2989, 52.2274, 60.4977)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.2989, 52.2274,
60.4977)**

Conversions

Conversions Part 1

Format	Color
Hex	14D6C4
RGB	20, 214, 196
RGB Percent	8%, 84%, 77%
CMY	0.9215, 0.1608, 0.2314
CMYK	0.91, 0.00, 0.08, 0.16
HSL	174°, 83%, 46%
HSV	174°, 91%, 84%
XYZ	34.2989, 52.2274, 60.4977
YIQ	153.9420, -109.8460, -46.7260

Conversions

Conversions Part 2

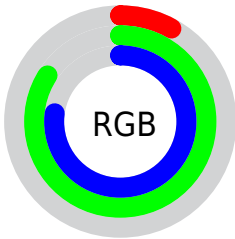
Format	Color
RYB	20, 122, 214
Decimal	1365700
CIELab	77.42, -46.68, -3.36
CIELCh	77, 46.805, 184.114
Yxy	52.2274, 0.2333, 0.3552
Android (android.graphics.Color)	4279555780 (0xFF14D6C4)
YUV	153.9420, 20.7346, -117.4671
Hunter-Lab	72.2685, -41.7532, 0.9549

Details

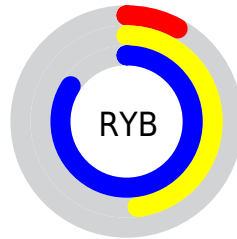
The XYZ color **34.2989, 52.2274, 60.4977** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **28.3335, 14.9380, 3.2262**, and the grayscale version is **30.6404, 32.2361, 35.1051**.

A 20% lighter version of the original color is **60.0452, 81.9914, 105.5897**, and **17.1093, 26.4067, 29.7864** is the 20% darker color. If you saturate the color by 10%, you get **33.8011, 51.9962, 59.3779**, and if you desaturate by 10%, it is **35.1706, 52.6517, 61.7277**.

Distribution



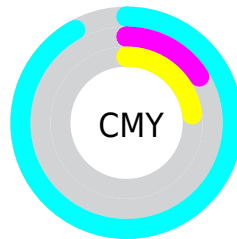
- Red (8%)
- Green (84%)
- Blue (77%)



- Red (8%)
- Yellow (48%)
- Blue (84%)



- Cyan (91%)
- Magenta (0%)
- Yellow (8%)
- Black (16%)



- Cyan (92%)
- Magenta (16%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2989, 52.2274, 60.4977 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 34.2989, 52.2274, 60.4977 by changing the saturation by 10% instead.

34.2989, 52.2274,
60.4977

34.2989, 52.2274,
60.4977

313.0253,
395.3139, 444.2853

23.2873, 37.1864,
43.3920

65.7394, 93.4665,
107.1017

14.9276, 25.3518,
29.8591

86.8990, 120.4334,
137.4372

8.8546, 16.3394,
19.4805

112.1721,
152.1443, 173.0196

4.7028, 9.7646,
11.8377

141.9238,
188.9837, 214.2675

2.1069, 5.2432,
6.5121

176.5196,
231.3360, 261.5995

0.6930, 2.3906,
3.0851

216.3249,

0.0000, 0.8211,

279.5855, 315.4341

1.1382

261.7050,
334.1167, 376.1899

■ 0.0000, 0.0000,
0.0000

■ 34.2989, 52.2274,
60.4977

■ 34.2989, 52.2274,
60.4977

■ 33.8011, 51.9962,
59.3779

■ 35.1706, 52.6517,
61.7277

■ 36.5086, 53.3148,
62.9940

■ 38.3799, 54.2525,
64.3010

■ 40.8398, 55.4933,
65.6514

■ 43.9364, 57.0620,
67.0474

■ 47.7130, 58.9808,
68.4912

■ 52.2091, 61.2702,
69.9846

■ 57.4609, 63.9489,
71.5294

■ 63.5026, 67.0344,
73.1272

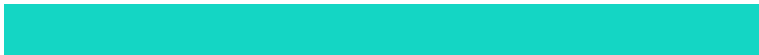
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



35.6386, 52.2274, 37.8521



34.2989, 52.2274, 60.4977



36.6436, 52.2274, 89.4488

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34.2989, 52.2274, 60.4977



59.9957, 52.2274, 108.5803



57.5883, 52.2274, 22.9092

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



34.2989, 52.2274, 60.4977



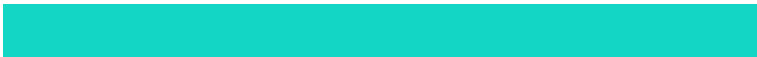
28.3335, 14.9380, 3.2262

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.3962, 52.2274, 33.3478



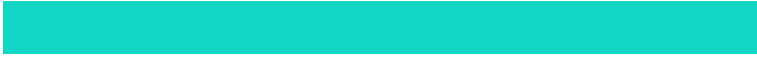
34.2989, 52.2274, 60.4977



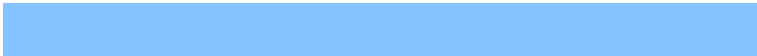
66.8998, 52.2274, 81.3737

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



34.2989, 52.2274, 60.4977



50.8927, 52.2274, 122.0336



68.9860, 52.2274, 53.3841



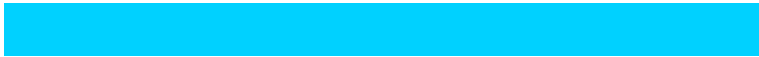
48.4091, 52.2274, 20.3659

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34.2989, 52.2274, 60.4977



40.1690, 52.2274, 107.2317



68.9860, 52.2274, 53.3841



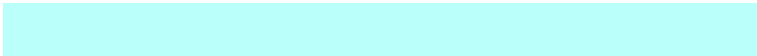
60.4949, 52.2274, 25.4152

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



34.3004, 52.2294, 60.4989



73.0843, 88.7932, 102.5912



25.0268, 48.5851, 8.7219



15.1766, 18.7680, 21.7967



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.3004, 52.2294, 60.4989



50.2312, 77.3085, 88.1242



21.2895, 22.7291, 66.8856



12.7402, 14.0871, 15.7122



20.4505, 31.4356, 35.9977



1.2483, 1.9020, 2.2493

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



28.3335, 14.9380, 3.2262



41.4014, 21.3246, 2.7799



32.1910, 23.0113, 3.4081



12.4696, 12.4393, 13.1472



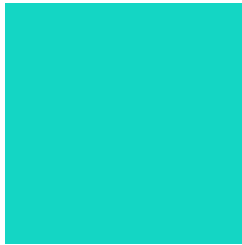
16.8544, 8.6781, 1.2713



1.0330, 0.5300, 0.1634

Previews

White Background



This preview shows how the XYZ color 34.2989, 52.2274, 60.4977 looks on a white background.

Color Contrast Check

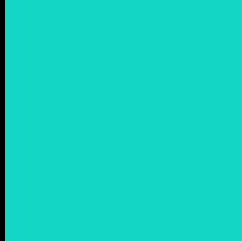
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 34.2989, 52.2274, 60.4977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

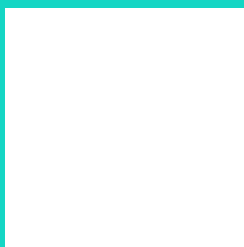
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.2989, 52.2274, 60.4977

Background



This preview shows how black text looks on a background with the XYZ color 34.2989, 52.2274, 60.4977.

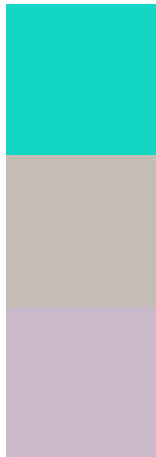


This preview shows how white text looks on a background with the XYZ color 34.2989, 52.2274,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

34.2989, 52.2274, 60.4977

Protanopia

49.1468, 51.3747, 51.5820

Deuteranopia

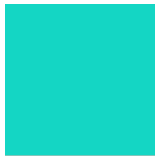
52.2771, 51.1493, 63.6174



Tritanopia

38.4873, 52.4515, 80.7687

Trichromacy



Original Color

34.2989, 52.2274, 60.4977



Protanomaly

38.5238, 48.8013, 54.4029



Deuteranomaly

40.0938, 48.4346, 61.8792



Tritanomaly

36.6438, 52.0386, 73.0789

Monochromacy



Original Color

34.2989, 52.2274, 60.4977



Achromatopsia

30.7148, 32.3143, 35.1903



Achromatomaly

28.5125, 36.9185, 43.1593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2989, 52.2274, 60.4977 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(20, 214, 196)` looks like.

```
.text, #text, p{  
    color:rgb(20, 214, 196)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(20, 214, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 214, 196) }
```

Border

The CSS property to change the border of an element to XYZ 34.2989, 52.2274, 60.4977 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(20, 214, 196) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(20, 214, 196) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(20, 214, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 214, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 214, 196);  
box-shadow:4px 4px 4px 4px rgb(20, 214,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2989, 52.2274, 60.4977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 214, 196) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(20, 214,  
196) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor